

MySQL Workbench

mywork connection MySQL Model EER Diagram

Navigator

SCHEMAS

- db1
 - Tables
 - faculties
 - groups
 - students
 - teachers
 - Views
 - Columns
 - Indexes
 - Foreign Keys
 - Triggers

Administrations Schemas Information

Column: Groupscol
Collation: utf8mb4_0900_ai_ci
Definition: Groupscol varchar(30)

Object Info Session Query Completed

Result Grid

teachers teachers - Table teachers - Table db1 students students faculties groups students teachers SQL File 13

SELECT * FROM universities

Result Grid

Output

Action Output

Message Duration / Fetch

209 11:02:22 Apply changes to students 0 rows(s) returned 0.000 sec / 0.000 sec

209 11:02:53 SELECT * FROM db1teachers LIMIT 0, 1000 15 row(s) returned 0.000 sec / 0.000 sec

210 11:12:17 SELECT * FROM db1students LIMIT 0, 1000 14 row(s) returned 0.000 sec / 0.000 sec

211 11:12:23 SELECT * FROM db1faculties LIMIT 0, 1000 8 row(s) returned 0.000 sec / 0.000 sec

212 11:12:27 SELECT * FROM db1groups LIMIT 0, 1000 21 row(s) returned 0.000 sec / 0.000 sec

213 11:12:32 SELECT * FROM db1students LIMIT 0, 1000 14 row(s) returned 0.000 sec / 0.000 sec

214 11:12:47 SELECT * FROM db1teachers LIMIT 0, 1000 15 row(s) returned 0.000 sec / 0.000 sec

215 11:27:02 SELECT * FROM db1l LIMIT 0, 1000 Error Code: 1046: No database selected Select the default DB to be used by double-click. 0.000 sec / 0.000 sec

216 11:27:26 SELECT * FROM db1universities LIMIT 0, 1000 15 row(s) returned 0.000 sec / 0.000 sec

217 11:27:26 SELECT * FROM db1universities LIMIT 0, 1000 Error Code: 1046: No database selected Select the default DB to be used by double-click. 0.000 sec / 0.000 sec

218 11:29:14 SELECT * FROM universities LIMIT 0, 1000 Error Code: 1046: No database selected Select the default DB to be used by double-click. 0.000 sec / 0.000 sec

219 11:31:07 SELECT * FROM db1students LIMIT 0, 1000 Error Code: 1046: No database selected Select the default DB to be used by double-click. 0.000 sec / 0.000 sec

220 11:31:34 SELECT * FROM universities LIMIT 0, 1000 15 row(s) returned 0.000 sec / 0.000 sec

221 11:33:54 SELECT * FROM universities LIMIT 0, 1000 15 row(s) returned 0.000 sec / 0.000 sec

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Column: Groupscol
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Definition: Groupscol varchar(30)

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teachers teachers - Table teachers - Table db1 students students faculties groups students teachers SQL File 13

SELECT * FROM universities

Result Grid

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Action Output

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221 11:33:54 SELECT * FROM universities LIMIT 0, 1000 15 row(s) returned 0.000 sec / 0.000 sec

b)

The screenshot shows the MySQL Workbench interface with two queries run against a database named 'mywork'.

Query 1: `SELECT * FROM students;`

Query 2: `SELECT first_name, last_name FROM students;`

Result Grid (Query 1):

ID	First Name	Last Name	DOB	Email
1	Natalia	Petrovna	2005-10-09	natalia@gmail.com
2	Zoya	Khrenova	2005-09-12	zoya@gmail.com
3	Igor	Ivanov	2005-08-12	igor@gmail.com
4	Ivan	Dobkin	2005-10-26	ivan@gmail.com
5	Oleg	Vorobev	2005-09-15	oleg@gmail.com
6	Zelzar	Sinta	2005-06-15	sinta@gmail.com
7	Olya	Faro	2005-05-12	olya@gmail.com
8	Inna	Potapenko	2005-04-29	potapenko@gmail.com
9	Ulyana	Yaroshko	2005-03-29	ulyana@gmail.com
10	Sofia	Kutell	2005-06-10	sofia@gmail.com
11	Olesya	Ivanchenko	2003-08-19	olesya@gmail.com
12	Roman	Gusar	2003-08-08	roman@gmail.com
13	Dmytro	Kozma	2003-12-09	dmytro@gmail.com
14	Oksana	Agranovich	2003-04-09	oksanag@gmail.com

Result Grid (Query 2):

First Name	Last Name
Natalia	Petrovna
Zoya	Khrenova
Igor	Ivanov
Ivan	Dobkin
Oleg	Vorobev
Zelzar	Sinta
Olya	Faro
Inna	Potapenko
Ulyana	Yaroshko
Sofia	Kutell
Olesya	Ivanchenko
Roman	Gusar
Dmytro	Kozma
Oksana	Agranovich

Action Object Log:

Time	Action	Message	Duration / Fetch
225. 11:47:45	SELECT * FROM groups LIMIT 0, 1000	Error Code: 1054. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'groups' at line 1	0.000 sec / 0.000 sec
225. 11:49:26	SELECT first_name, last_name FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'first' in field list	0.000 sec / 0.000 sec
227. 11:49:49	SELECT * FROM ab1_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
228. 11:51:11	SELECT * FROM ab2_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
229. 11:52:08	SELECT FIRST_name, last_name FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'FIRST' in field list	0.000 sec / 0.000 sec
230. 11:52:30	SELECT first_name, last_name FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'first' in field list	0.000 sec / 0.000 sec
231. 11:52:46	SELECT * FROM ab3_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
232. 11:53:41	Apply changes to students	Changes applied	0.000 sec / 0.000 sec
233. 11:54:22	SELECT Student_firstname, Student_lastname FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'Student' in field list	0.000 sec / 0.000 sec
234. 11:54:34	SELECT Studentfirstname, Studentlastname FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'Studentfirstname' in field list	0.000 sec / 0.000 sec
235. 11:55:09	Apply changes to students	Changes applied	0.000 sec / 0.000 sec
236. 11:55:28	SELECT first_name, last_name FROM ab2_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
237. 11:55:38	SELECT * FROM ab3_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec

The screenshot shows the MySQL Workbench interface with two queries run against a database named 'mywork'.

Query 1: `SELECT * FROM students;`

Query 2: `SELECT first_name, last_name FROM students;`

Result Grid (Query 1):

ID	First Name	Last Name	DOB	Email
1	Natalia	Petrovna	2005-10-09	natalia@gmail.com
2	Zoya	Khrenova	2005-09-12	zoya@gmail.com
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4	Ivan	Dobkin	2005-10-26	ivan@gmail.com
5	Oleg	Vorobev	2005-09-15	oleg@gmail.com
6	Zelzar	Sinta	2005-06-15	sinta@gmail.com
7	Olya	Faro	2005-05-12	olya@gmail.com
8	Inna	Potapenko	2005-04-29	potapenko@gmail.com
9	Ulyana	Yaroshko	2005-03-29	ulyana@gmail.com
10	Sofia	Kutell	2005-06-10	sofia@gmail.com
11	Olesya	Ivanchenko	2003-08-19	olesya@gmail.com
12	Roman	Gusar	2003-08-08	roman@gmail.com
13	Dmytro	Kozma	2003-12-09	dmytro@gmail.com
14	Oksana	Agranovich	2003-04-09	oksanag@gmail.com

Result Grid (Query 2):

First Name	Last Name
Natalia	Petrovna
Zoya	Khrenova
Igor	Ivanov
Ivan	Dobkin
Oleg	Vorobev
Zelzar	Sinta
Olya	Faro
Inna	Potapenko
Ulyana	Yaroshko
Sofia	Kutell
Olesya	Ivanchenko
Roman	Gusar
Dmytro	Kozma
Oksana	Agranovich

Action Object Log:

Time	Action	Message	Duration / Fetch
225. 11:49:26	SELECT first_name, last_name FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'first' in field list	0.000 sec / 0.000 sec
227. 11:49:49	SELECT * FROM ab1_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
228. 11:51:11	SELECT * FROM ab2_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
229. 11:52:08	SELECT FIRST_name, last_name FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'FIRST' in field list	0.000 sec / 0.000 sec
230. 11:52:30	SELECT first_name, last_name FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'first' in field list	0.000 sec / 0.000 sec
231. 11:52:46	SELECT * FROM ab3_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
232. 11:53:41	Apply changes to students	Changes applied	0.000 sec / 0.000 sec
233. 11:54:22	SELECT Student_firstname, Student_lastname FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'Student' in field list	0.000 sec / 0.000 sec
234. 11:54:34	SELECT Studentfirstname, Studentlastname FROM students LIMIT 0, 1000	Error Code: 1054. Unknown column 'Studentfirstname' in field list	0.000 sec / 0.000 sec
235. 11:55:09	Apply changes to students	Changes applied	0.000 sec / 0.000 sec
236. 11:55:28	SELECT first_name, last_name FROM ab2_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
237. 11:55:38	SELECT * FROM ab3_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
238. 11:58:07	SELECT first_name, last_name FROM ab1_students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec

c)

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the schema structure for the `db1` database, including tables like `faculties`, `students`, and `teachers`.
- SQL Editor:** Contains the query: `SELECT * FROM Teachers`.
- Result Grid:** Displays the results of the query, listing 15 teacher records with columns: idTeachers, Teachername, DOB, and email.
- Action Output:** Shows the execution log with 24 entries, indicating the query was executed at 11:52:30 and returned 14 rows.

ID	Teachername	DOB	Email
1	Ivanov	1990-02-01	ivanov@gmail.com
2	Romanenko	1991-02-08	romenok@gmail.com
3	Vasylenko	1989-03-15	vasylenko@gmail.com
4	Borisenko	1987-10-09	borsik@gmail.com
5	Moshchuk	1979-02-09	moy@yandex.ru
6	Kedova	1981-10-21	natalya1@gmail.com
7	Haidra	1988-05-10	haidra1@gmail.com
8	Zemchukina	1993-02-19	imma@gmail.com
9	Pysarenko	1983-08-28	pysar@gmail.com
10	Naukernik	1985-06-21	neum@gmail.com
11	Parchomenko	1978-07-30	gora@gmail.com
12	Gorbun	1989-10-10	gorbun@gmail.com
13	Terschenko	1982-02-28	victor@gmail.com
14	Antonenko	1990-07-07	mry@gmail.com
15	Darko	1978-08-09	darko1@gmail.com

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the schema structure for the `db1` database, including tables like `faculties`, `students`, and `teachers`.
- SQL Editor:** Contains the query: `SELECT Teachername FROM Teachers WHERE Teachername = "Ivan"`.
- Result Grid:** Displays the results of the query, showing only one record with Teachername 'Ivan'.
- Action Output:** Shows the execution log with 24 entries, indicating the query was executed at 11:52:30 and returned 1 row.

d)

The screenshot shows the MySQL Workbench interface with the 'students' table selected in the Navigator pane. The table has columns: id, first_name, last_name, DOB, email, Teacher_faculty. The data grid shows 20 rows of student information. The SQL Editor pane contains the following query:

```
1 SELECT * FROM Teachers
2 SELECT Teachername FROM Teachers WHERE Teachername = "Ivan"
3
4 SELECT * FROM groupsumy
```

The Results Grid displays the results of the second query, showing teacher names: Ivan, Ivan.

The Output pane shows the following log entries:

#	Time	Action	Message	Duration / Fetch
235	11:55:09	Apply changes to students	Changes applied	
236	11:55:28	SELECT firstname, lastname FROM students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
237	11:55:38	SELECT * FROM students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
238	11:58:07	SELECT firstname, lastname FROM students LIMIT 0, 1000	14 row(s) returned	0.000 sec / 0.000 sec
239	11:58:45	SELECT * FROM ab1teachers LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
240	12:19:29	Apply changes to Teacher	Changes applied	
241	12:20:21	SELECT Teachername FROM teachers WHERE Teachername = Ivan LIMIT 0, 1000	Error Code: 1054 Unknown column 'Ivan' in 'where clause'	0.000 sec / 0.000 sec
242	12:21:00	SELECT * FROM Teachers LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.015 sec
243	12:23:07	SELECT Teachername FROM Teachers WHERE Teachername = Ivan LIMIT 0, 1000	Error Code: 1054 Unknown column 'Ivan' in 'where clause'	0.000 sec / 0.000 sec
244	12:23:17	SELECT * FROM ab1teachers LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
245	12:24:46	SELECT Teachername FROM Teachers WHERE Teachername = "Ivan" LIMIT 0, 1000	2 rows returned	0.000 sec / 0.000 sec
246	12:26:41	Apply changes to groupsumy	Changes applied	
247	12:27:23	SELECT * FROM groupsumy LIMIT 0, 1000	21 row(s) returned	0.000 sec / 0.000 sec
248	12:29:16	SELECT * FROM ab1groupsumy LIMIT 0, 1000	21 row(s) returned	0.000 sec / 0.000 sec
249	12:29:37	Apply changes to groupsumy	Changes applied	
250	12:30:22	SELECT Groupscol FROM groupsumy WHERE Groupscol > 300 LIMIT 0, 1000	Error Code: 1054 Unknown column 'Groupscol' in 'field list'	0.000 sec / 0.000 sec
251	12:31:18	SELECT Groupscol FROM groupsumy WHERE Groupscol > 300 LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec

The screenshot shows the MySQL Workbench interface with the 'groupsumy' table selected in the Navigator pane. The table has columns: idGroups, Groupscol. The data grid shows 11 rows of groupsumy data. The SQL Editor pane contains the following query:

```
1 SELECT * FROM Teachers
2 SELECT Teachername FROM Teachers WHERE Teachername = "Ivan"
3
4 SELECT * FROM groupsumy
5
6 SELECT Groupscol FROM groupsumy WHERE Groupscol > 500
```

The Results Grid displays the results of the fifth query, showing groupsumy values: 325, 365, 399, 399, 399, 399, 789, 832, 896.

The Output pane shows the following log entries:

#	Time	Action	Message	Duration / Fetch
239	11:58:45	SELECT * FROM ab1teachers LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
240	12:19:29	Apply changes to Teacher	Changes applied	
241	12:20:21	SELECT Teachername FROM teachers WHERE Teachername = Ivan LIMIT 0, 1000	Error Code: 1054 Unknown column 'Ivan' in 'where clause'	0.000 sec / 0.000 sec
242	12:21:00	SELECT * FROM Teachers LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.015 sec
243	12:23:07	SELECT Teachername FROM Teachers WHERE Teachername = Ivan LIMIT 0, 1000	Error Code: 1054 Unknown column 'Ivan' in 'where clause'	0.000 sec / 0.000 sec
244	12:23:17	SELECT * FROM ab1teachers LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
245	12:24:46	SELECT Teachername FROM Teachers WHERE Teachername = "Ivan" LIMIT 0, 1000	2 rows returned	0.000 sec / 0.000 sec
246	12:26:41	Apply changes to groupsumy	Changes applied	
247	12:27:23	SELECT * FROM groupsumy LIMIT 0, 1000	21 row(s) returned	0.000 sec / 0.000 sec
248	12:29:16	SELECT * FROM ab1groupsumy LIMIT 0, 1000	21 row(s) returned	0.000 sec / 0.000 sec
249	12:29:37	Apply changes to groupsumy	Changes applied	
250	12:30:22	SELECT Groupscol FROM groupsumy WHERE Groupscol > 300 LIMIT 0, 1000	Error Code: 1054 Unknown column 'Groupscol' in 'field list'	0.000 sec / 0.000 sec
251	12:31:18	SELECT Groupscol FROM groupsumy WHERE Groupscol > 300 LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec

e)

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the database schema with tables: teachers, groupsumy, and universities.
- SQL Editor:** Contains the following SQL code:


```

1
2   SELECT * FROM groupsumy
3   SELECT Groupscol FROM groupsumy WHERE Groupscol > 300
4
5   SELECT * FROM universities
6
7   
```
- Result Grid:** Displays the results of the query, listing various universities with their names.
- Action Output:** Shows the history of actions taken during the session, including changes applied and errors.

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the database schema with tables: teachers, groupsumy, and universities.
- SQL Editor:** Contains the following SQL code:


```

4   SELECT * FROM groupsumy
5   SELECT Groupscol FROM groupsumy WHERE Groupscol > 300
6
7   SELECT * FROM universities
8   SELECT * FROM universities WHERE nameofuniversity LIKE "%A%"
9
10  
```
- Result Grid:** Displays the results of the query, listing universities whose names start with 'A'.
- Action Output:** Shows the history of actions taken during the session, including changes applied and errors.

MySQL Workbench 8.0.23

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- mywork connection
- MySQL Model*
- EER Diagram

Teachers - Table SQL File 10* teachers SQL File 17* groupsonly - Table groupsonly groupsonly - Table groupsonly - Table

```

SELECT * FROM universities
6
7   SELECT * FROM universities
8   SELECT nameofuniversity FROM universities WHERE nameofuniversity LIKE "%AN"
9   SELECT nameofuniversity FROM universities WHERE nameofuniversity LIKE "%CR"

```

Result Grid Filter Rows Export Wrap Cell Content

nameofuniversity

- Cambridge
- CardiffUs
- CardiffUni

Form Editor Field Types Query Stats

Output

Action Output

Message	Time / Fetch
240 12:21:02 SELECT * FROM Teachers LIMIT 0, 1000	1 row(s) returned 0.000 sec / 0.015 sec
240 12:23:03 SELECT Teachername FROM Teachers WHERE Teachername = Ivan LIMIT 0, 1000	Error Code: 1054, Unknown column 'Ivan' in 'where clause' 0.000 sec
244 12:23:17 SELECT * FROM Teachers LIMIT 0, 1000	15 row(s) returned 0.000 sec / 0.000 sec
245 12:24:46 SELECT Teachername FROM Teachers WHERE Teachername = "Ivan" LIMIT 0, 1000	2 row(s) returned 0.000 sec / 0.000 sec
246 12:26:41 Apply changes to groupsonly	Changes applied
247 12:27:23 SELECT * FROM groupsonly LIMIT 0, 1000	21 row(s) returned 0.000 sec / 0.000 sec
248 12:29:16 SELECT * FROM groupsonly LIMIT 0, 1000	21 row(s) returned 0.000 sec / 0.000 sec
249 12:29:37 Apply changes to groupsonly	Changes applied
250 12:30:22 SELECT Groupsonly WHERE Groupsonly > 300	Error Code: 1054, Unknown column 'Groupsonly' in 'field list' 0.000 sec
251 12:31:18 SELECT Groupsonly FROM groupsonly WHERE Groupsonly > 300 LIMIT 0, 1000	11 row(s) returned 0.000 sec / 0.000 sec
252 12:32:11 SELECT * FROM universities LIMIT 0, 1000	15 row(s) returned 0.000 sec / 0.000 sec
253 12:35:05 SELECT nameofuniversity FROM universities WHERE nameofuniversity LIKE "%A%" LIMIT 0, 1000	0 row(s) returned 0.000 sec / 0.000 sec
254 12:35:48 SELECT nameofuniversity FROM universities WHERE nameofuniversity LIKE "%C%" LIMIT 0, 1000	2 row(s) returned 0.000 sec / 0.000 sec

Contact Help Skiplets

Administration Schemas Information

Table: groupsonly

Columns:

- idgroups int AI PK
- Groupsonly int

Object Info Session Query Completed